



DECLARATION AND POWER OF ATTORNEY FOR APPLICATION FOR UNITED STATES PATENT

As a below named inventor, I hereby declare that:
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR PROPAGATING VIBRATION INTO A CONDUCTIVE FLUID AND METHOD FOR

SOLIDIFYING A MELTED METAL USING THE SAME PROPAGATING METHOD OF VIBRATION
described and claimed in the specification:

Check one

*a. ☐ attached hereto

b. ☒ filed on July 3, 2003 as Application Serial No. 10/611,924

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2002-198,474 filed July 8, 2002

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411; and
Edward P. Walker, Reg. No. 31,450.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 Typewritten Full Name of Sole or First Inventor Kazuhiko IWAI
Given Name Middle Initial Family Name
2 Inventor's Signature 岩井 一高
3 Date of Signature 2003 August 11
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*If Box a. is checked, this form may be executed only when attached to the specification (including claims) at the end thereof.

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☐

(Discard this page in a sole inventor application)

1	Typewritten Full Name of Joint Inventor	Shigeo	ASAI	
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3	Date of Signature	<u>Aug. 11, 2003</u>		
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1	Typewritten Full Name of Joint Inventor	Rene	Moreau	
		Given Name	Middle Initial	Family Name
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1	Typewritten Full Name of Joint Inventor			
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	Post Office Address (Insert complete mailing address, including country)			
1	Typewritten Full Name of Joint Inventor			
		Given Name	Middle Initial	Family Name
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	Citizenship			
	Post Office Address (Insert complete mailing address, including country)			

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.